

2002
Virginia Department of Transportation
Daily Traffic Volume Estimates
Including Vehicle Classification Estimates
where available

Special Locality Report
265

Town of Mt. Jackson

Prepared By
Virginia Department of Transportation
Mobility Management Division

In Cooperation With
U.S. Department of Transportation
Federal Highway Administration

Virginia Department of Transportation
Mobility Management Division
Traffic Monitoring Section

The Virginia Department of Transportation (VDOT) conducts a program where traffic count data are gathered from sensors in or along streets and highways and other sources. From these data, estimates of the average number of vehicles that traveled each segment of road are calculated. VDOT periodically publishes booklets listing these estimates.

One of these booklets, titled "Average Daily Traffic Volumes with Vehicle Classification Data, on Interstate, Arterial and Primary Routes" includes a list of each Interstate and Primary highway segment with the estimated Annual Average Daily Traffic (AADT) for that segment. AADT is the total annual traffic estimate divided by the number of days in the year. This booklet also includes information such as estimates of the percentage of the AADT made up by 6 different vehicle types, ranging from cars to double trailer trucks; estimated Annual Average Weekday Traffic (AAWDT), which is the number of vehicles estimated to have traveled the segment of highway during a 24 hour weekday averaged over the year; as well as Peak Hour and Peak Direction factors used by planners to formulate design criteria.

In addition to the Primary and Interstate publication, one hundred books are published periodically, one for each of 100 areas across the state defined by VDOT for record-keeping purposes. These books include traffic volume estimates for roads within the county, cities, and towns within the area. These books are titled "Daily Traffic Volumes Including Vehicle Classification Estimates, where available; Jurisdiction Report numbers 00 through 99".

Also available are a number of reports summarizing the average Vehicle Miles Traveled (VMT) in selected jurisdictions and other categories of highways. There are many different ways to present traffic volume summary information. Because the user determines the value of each presentation, the reports have been redesigned based on user requests and feedback. The people at VDOT Mobility Management's Traffic Monitoring Section who produce these books welcome requests for other helpful ways of presenting the summary information.

A compact disc (CD) is available that includes files in the Adobe® Portable Document Format (PDF) that can be displayed, searched, and printed using common desktop computer equipment. The CD includes the publications described above as well as a number of other reports, including specialized VMT summaries and smaller AADT reports for each city and town separately.

Publication Notes

Parallel Roads

For road inventory and management purposes, some roadways are counted separately by direction and have separately published traffic estimates for each direction of travel. Examples of such roadways are the interstate system and routes with separated facilities and (usually) one-way traffic facilities in urban areas. In these publications, they are referred to as parallel roads. As a convenience for the users of the publication, the listing for segments of roads with parallel segments are published with both the traffic estimates for their own direction of travel (e.g. I-95 Northbound) as well as the estimate of the total of all traffic on the same route including parallel roadways (all directions of I-95). The publication will have a “Combined Traffic Estimates for Parallel Roadways on this Route” or “Combined Traffic” identifiers for the combined direction of travel estimates.

Roadways such as I-395 with a North segment, a South segment and a separate Reversible lane segment will have the estimate for more than two parallel roadways included in the entire combined traffic estimate.

Some routes have very complicated paths through cities and towns. These parallel paths may be too complex to allow a relationship between nearby sections of the opposite direction on the same route. In this case, to indicate that the traffic estimates for such a road segment may not include all directions of traffic on that route, the line that would list the combined values will indicate “NA” for not available.

VDOT’s traffic monitoring program includes more than 100,000 segments of roads and highways ranging from several mile sections of Interstate highways to very short sections of city streets. Due to problems experienced obtaining some traffic count data, and the level of quality necessary to maintain confidence in the data, no estimate is currently available for some segments of roadway. These segments are included in the publications indicating “NA” for not available. It is the intention of the VDOT’s Mobility Management Traffic Monitoring group to obtain the data necessary and to report traffic volume estimates on all road segments included in these publications.

Many of the road segments in this program are local secondary roads. The amount and detail of data collected on these roads are not as great as the data collected on higher volume roads. The vehicle classification, average weekday traffic volumes, and the theoretical design hour traffic volumes are not calculated for these roads. The publications indicate “NA” for the information that is not available.

This publication is based on a traffic monitoring program initiated in 1997. Because the data collection techniques and statistical evaluation processes are different than those used in previous years, comparison with previous publications may be misleading.

Glossary of Terms:

Route: The Route Number assigned to this segment of roadway with the master inventory route number if this is an overlapping route, with official street or highway name if available.

Length: Length of the traffic segment in miles.

AADT: Annual Average Daily Traffic. The estimate of typical daily traffic on a road segment for all days of the week, Sunday through Saturday, over the period of one year.

QA: Quality of AADT:

- A Average of Complete Continuous Count Data
- B Average of Selected Continuous Count Data
- F Factored Short Term Traffic Count Data
- G Factored Short Term Traffic Count Data with Growth Element
- H Historical Estimate
- M Manual Uncounted Estimate
- N AADT of Similar Neighboring Traffic Link
- O Provided By External Source
- R Raw Traffic Count, Unfactored

4Tire: Percentage of the traffic volume made up of motorcycles, passenger cars, vans and pickup trucks.

Bus: Percentage of the traffic volume made up of busses.

2Axle Truck: Percentage of the traffic volume made up of 2 axle single unit trucks (not including pickups and vans).

3+Axle Truck: Percentage of the traffic volume made up of single unit trucks with three or more axles.

1Trail Truck: Percentage of the traffic volume made up of units with a single trailer.

2Trail Truck: Percentage of the traffic volume made up of units with more than one trailer.

QC: Quality of Classification Data:

- A Average of Complete Continuous Count Data
- B Average of Selected Continuous Count Data
- C Short Term Classified Traffic Count Data
- F Factored Short Term Traffic Count Data
- H Historical Estimate
- M Mass Collective Average
- N Classification Estimates of Similar Neighboring Traffic Link

Peak Hour: The estimate of the traffic volume for the 30th highest traffic volume occurring in a one-year period divided by the AADT for the same one-year period.

QK: Quality of the Peak Hour estimate:

- A Factor based on 30th Highest Hour Observed During 12 Months of Continuous Traffic Data
- B Factor based on 30th Highest Hour Observed During Less than 12 Months of Continuous Traffic Data
- F Factor based on Highest Hour Collected at in a 48 Hour Weekday Period
- M Factor based on Manual Estimate of 30th Highest Hour
- N Peak Hour Factor of Similar Neighboring Traffic Link
- O Provided by External Source

Dir Factor: The estimate of the portion of the traffic volume traveling in the peak direction during the Peak Hour..

AAWDT: Average Annual Weekday Traffic. The estimate of typical traffic over the period of one year for the days between Monday through Thursday inclusive.

QW: Quality of AAWDT:

- A Average of Complete Continuous Count Data
- B Average of Selected Continuous Count Data
- F Factored Short Term Traffic Count Data
- G Factored Short Term Traffic Count Data with Growth Element
- M Manual Uncounted Estimate
- N AAWDT of Similar Neighboring Traffic Link
- O Provided by External Source

Year: Year for which the published values are appropriate. If the Quality of AADT (QA) is "R", the year is the year that the raw traffic count was collected, and if available,

Route Shield Legend






















Route Systems

North 	Interstate Route	Traffic volume data for Interstate Routes and some other routes are reported separately by direction, as well as combined.
	US Route	
	Virginia State Route	
	Secondary Route	

Special Routes

Bus 	Bus - Business Route
	Bypas - Bypass Route
	Truck - Truck Route
ALT 	ALT - Alternate Route
	Wve - Wye Route connector
	P - Parallel Route; Southbound or Westbound direction lanes of a numbered route where they are on a different road facility than the other direction.
	The VDOT Maintenance Jurisdiction number is displayed below the Secondary Route Number if the Maintenance Jurisdiction is different than the jurisdiction in the title of the report.

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2002
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Town of Mt. Jackson

Route	Length	AADT	QA	4Tire	Bus	Truck-----				QC	Peak Hour	QK	Dir Factor	AAWDT	QW	Year
						2Axle	3+Axle	1Trail	2Trail							
Town of Mt. Jackson																
	0.72	4900	N	From:	SCL Mt. Jackson					N	0.088	N	0.511	5000	N	2002
				To:												
	1.85	4500	F	From:	SR 263					F	0.086	F	0.501	4500	F	2002
				To:	NCL Mt. Jackson											
	0.52	3100	N	From:	WCL Mt. Jackson					N	0.087	N	0.549	2900	N	2002
				To:	US 11											
	0.23	11000	F	From:	WCL Mt Jackson					C	0.066	F	0.535	11000	F	2002
				To:	US 11											
	0.29	850	F	From:	WCL Mt Jackson					C	0.094	F	0.627	860	F	2002
				To:	SR 263 WEST											
	0.11	30	R	From:	SR 263 EAST						NA			NA		1999
				To:	US 11 SOUTH											
	0.19	780	F	From:	US 11 NORTH					C	0.098	F	0.64	800	F	2002
				To:	ECL Mt Jackson											
	0.04	340	R	From:	85-1328						NA			NA		05/02/2002
				To:	85-1329											
	0.28	470	R	From:	85-1329						NA			NA		1999
				To:	US 11											
	0.09	430	R	From:	85-1328						NA			NA		05/02/2002
				To:	85-1333											
	0.06	470	R	From:	85-1333						NA			NA		1999
				To:	85-1330											
	0.10	580	R	From:	85-1330						NA			NA		05/02/2002
				To:	US 11											
	0.10	210	R	From:	85-1320						NA			NA		05/02/2002
				To:	85-1322											
	0.12	630	R	From:	85-1322						NA			NA		05/02/2002
				To:	US 11											
	0.25	900	F	From:	US 11					C	0.117	F	0.546	910	F	2002
				To:	85-1305											
	0.13	310	R	From:	85-1305						NA			NA		05/09/2002
				To:	Dead End											
	0.08	20	R	From:	Dead End						NA			NA		05/06/2002
				To:	85-1307											
	0.06	140	R	From:	85-1307						NA			NA		05/06/2002
				To:	US 11											
	0.08	110	R	From:	85-1305						NA			NA		05/06/2002
				To:	85-1306											
	0.08	80	R	From:	85-1306						NA			NA		1999
				To:	85-1304											
	0.36	480	R	From:	85-1324						NA			NA		05/06/2002
				To:	85-1301											

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						2Axle	3+Axle	1Trail	2Trail							
Town of Mt. Jackson																
(1305/85) Lonas Street	0.02	20	R	From		Dead End					NA			NA		05/06/2002
(1305/85) Lonas Street	0.11	110	R	To		85-1303					NA			NA		05/06/2002
(1305/85) Lonas Street	0.05	220	R	From		85-1326					NA			NA		1999
(1305/85) Lonas Street	0.12	220	R	To		85-1332					NA			NA		05/06/2002
(1305/85) Lonas Street	0.07	300	R	From		85-1306					NA			NA		1999
(1305/85) Lonas Street				To		85-1301										
(1306/85) Broad Street	0.42	300	R	From		85-1324					NA			NA		05/06/2002
(1306/85) Broad Street				To		85-1305										
(1307/85) Shannon Avenue	0.08	80	R	From		85-1302					NA			NA		05/06/2002
(1307/85) Shannon Avenue				To		Dead End										
(1308/85) Shenell Drive	0.25	210	R	From		US 11					NA			NA		05/06/2002
(1308/85) Shenell Drive				To		End Loop										
(1309/85) Apple Avenue	0.13	260	R	From		US 11					NA			NA		1999
(1309/85) Apple Avenue				To		85-1310 EAST										
(1310/85) Dogwood Drive	0.09	60	R	From		85-1312 WEST					NA			NA		05/06/2002
(1310/85) Dogwood Drive	0.19	50	R	To		85-1309 WEST					NA			NA		1999
(1310/85) Dogwood Drive	0.09	100	R	From		85-1309 EAST					NA			NA		05/06/2002
(1310/85) Dogwood Drive	0.05	140	R	To		85-1312 EAST					NA			NA		1999
(1310/85) Dogwood Drive	0.07	80	R	From		85-1325					NA			NA		05/06/2002
(1310/85) Dogwood Drive				To		85-1316										
(1311/85) Montvue Avenue	0.10	130	R	From		Dead End					NA			NA		05/06/2002
(1311/85) Montvue Avenue	0.09	130	R	To		0.10 MN Dead End					NA			NA		05/06/2002
(1311/85) Montvue Avenue				To		US 11										
(1312/85) Maple Avenue	0.07	230	R	From		US 11					NA			NA		1999
(1312/85) Maple Avenue	0.06	160	R	To		85-1310 WEST					NA			NA		05/06/2002
(1312/85) Maple Avenue				To		85-1310 EAST										
(1312/85) Maple Avenue	0.03	60	R	From		85-1310					NA			NA		05/06/2002
(1312/85) Maple Avenue				To		ECL Mount Jackson										
(1313/85) Hopewell Avenue	0.12	80	R	From		85-1314					NA			NA		1999
(1313/85) Hopewell Avenue				To		Dead End										
(1314/85) Nelson Street	0.13	100	R	From		Dead End					NA			NA		05/06/2002
(1314/85) Nelson Street	0.21	410	R	To		85-1313					NA			NA		1999
(1314/85) Nelson Street				To		US 11										

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							2Axle	3+Axle	1Trail	2Trail							
Town of Mt. Jackson																	
1315 85	Mill Creek Lane	0.15	40	R	From	Dead End						NA			NA		05/02/2002
					To	85-698											
1316 85	East Avondale Avenue	0.18	400	R	From	Dead End						NA			NA		1999
					To	US 11											
1316 85	East Avondale Avenue	0.17	320	R	From							NA			NA		05/06/2002
					To	NCL Mt Jackson											
1320 85	Moore Avenue	0.04	20	R	From	Dead End						NA			NA		05/02/2002
					To	85-790											
1320 85	Moore Avenue	0.08	90	R	From							NA			NA		1999
					To	85-1321											
1321 85	Craig Street	0.08	80	R	From	85-1320						NA			NA		05/02/2002
					To	85-1322											
1322 85	Randall Street	0.06	46	R	From	Dead End						NA			NA		1999
					To	85-790											
1322 85	Randall Street	0.08	140	R	From							NA			NA		05/01/2002
					To	85-1321											
1323 85	Medical Drive	0.06	250	R	From	US 11						NA			NA		1999
					To	Dead End											
1324 85	Orkney Drive	0.03	750	R	From	SR 263						NA			NA		05/06/2002
					To	85-1306											
1324 85	Orkney Drive	0.07	880	R	From							NA			NA		1999
					To	85-1304											
1324 85	Orkney Drive	0.16	510	R	From							NA			NA		05/06/2002
					To	US 11											
1325 85	Elm Drive	0.13	110	R	From	85-1310						NA			NA		1999
					To	85-1316											
1326 85	Wunder Street	0.07	200	R	From	Dead End						NA			NA		05/06/2002
					To	0.07 ME Dead End											
1326 85	Wunder Street	0.05	200	R	From							NA			NA		05/06/2002
					To	85-1305											
1326 85	Wunder Street	0.08	250	R	From							NA			NA		05/06/2002
					To	85-1306											
1327 85		0.12	140	R	From	Dead End						NA			NA		1999
					To	85-1301											
1328 85	Railroad Street	0.03	10	R	From	Dead End						NA			NA		05/02/2002
					To	85-743											
1328 85	Railroad Street	0.07	260	R	From							NA			NA		05/02/2002
					To	85-1329											
1328 85	Railroad Street	0.13	310	R	From							NA			NA		1999
					To	85-753											
1329 85	Second Avenue	0.10	47	R	From	85-743						NA			NA		05/02/2002
					To	85-1328											

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						2Axle	3+Axle	1Trail	2Trail							
Town of Mt. Jackson																
<div>1330</div> <div>85</div>	First Avenue	0.14	60	R	From:	85-753					NA			NA		1999
					To:	85-1333										
<div>1330</div> <div>85</div>	First Avenue	0.11	100	R	From:						NA		NA		05/02/2002	
					To:	US 11										
<div>1331</div> <div>85</div>	Robin Street	0.06	350	R	From:	85-1306					NA		NA		1999	
					To:	85-1301										
<div>1332</div> <div>85</div>		0.08	80	R	From:	85-1305					NA		NA		05/06/2002	
					To:	85-1306										
<div>1333</div> <div>85</div>	Painters Street	0.20	40	R	From:	85-753					NA		NA		1999	
					To:	85-1330										
<div>1334</div> <div>85</div>		0.19	140	R	From:	US 11					NA		NA		05/06/2002	
					To:	ECL Mt Jackson										